

**AOC COMMUNICATIONS SERVICES  
DOMAIN SUBCOMMITTEE  
MEETING MINUTES  
3/11/04**

- 1) Motion was made to call the meeting to order - Kyle moved to call and Trevis seconded it.
- 2) Quorum was established. Those in attendance were Kally McCormick (for Bissell Anderson), Doug Smith (for Doug Drenning), Kyle Herron, Otis Lutz, Trevis Shealy, Victor Washington, Dwayne Townsend, and Marion Weaver. Steve Flowers also attended the meeting.
- 3) Motion was made to approve the agenda – was so moved by Kyle Herron and seconded by Trevis Shealy. The items with the asterisks (\*) beside them are the ones we have covered. Marion left these items on for us to go through to see if there is anything else that needs to be added or changed.
- 4) Motion was made to approve the minutes from December 1, 2003 – was so moved by Kyle Herron and seconded by Trevis Shealy.

5) Continuing Business –

**a) \* WAN/LAN Protocols**

Marion asked if anyone had any changes/additions to this. There were none. He will ask for it to be presented at next AOC meeting. Kyle asked if Tom Barrett had a problem with the SNA portion. Marion said Tom had asked at the last SCINet meeting if anyone had done the research on how many agencies still had SNA networks in place. BellSouth and Spirit did not have that answer but should be coming back with this information.

**b) \* Enterprise Telecommunications (Voice/Video)**

No Changes

Complete and ready to be presented

Kyle commented that we should be able to focus down on the Tactical Deployment as we move forward. He said this one is odd because we have PBX and video together. There is no State contract for PBX, but these are still leads for Gartner. Kyle said that we should be able to drill down on the hardware vendors for video, once we get going on it.

**c) \* Directory, Network OS & Support SW**

Ready to present

Kyle asked if there weren't some people that were supposed to do some background research on this. Kyle said Marion might want someone with this background to be present when he presents this since it can be somewhat

controversial. Marion said LDAP compliancy pretty much includes everything we have right now. He does not think we are necessarily stating any vendors for this part of it in the Directory portion. He realized that in the Network Operating System we did specifically state Windows 2000. Kyle stated that what Containment means is that there is a significant investment needed to make a change – that it may be looked at by the committee to be sure it is an extension of the work an agency/agencies are trying to do. It is not necessarily that, across the board, we are being rejected. Marion asked if this still looked okay and everyone confirmed it did. Marion asked what would happen if Novell comes in and complains and Steve Flowers responded that now when the committee approves a standard, it goes out for 30 days for intent to use this standard. The vendors have 30 days to review it and see if they have any problems with it. Then, we have 30 days to respond.

**d) \* E-Mail Services**

Marion reviewed what was in each area and asked if this was still agreeable to everyone. Kyle said that it was.

**e) Remote Access Methods & Clients**

Marion said we had made a note here that we needed to discuss this with the Security Domain as well. Mark had agreed to meet with them. Marion asked if anyone knew whether Mark had met with the Security Subcommittee. Kyle said, from what he remembered, the Security Subcommittee had redone their whole focus and completely re-wrote their whole discipline and, when they got everything together, Mark would meet with them. Marion said that, depending on how the Security Subcommittee decides they are going to secure the perimeter, would determine how we could get through the perimeters to get into our networks.

**f) Wireless Data Communications**

Marion said we have already discussed this as much as we could and are waiting on the Security Subcommittee on securing lines because this is a “hot topic” right now. Trevis said he would check with Mark (in his office), and include Bissell, and then be prepared to discuss at the next meeting. Kyle said he thought the 802.16 might be the only external issue left to discuss where it was going to go. Marion said that since College of Charleston was tied up so much with security that we need to include them. He said the main thing we want make sure of is that whatever we present here ties in with what they are doing in the Security Domain as well. Marion asked that Trevis also send him an email whenever he finds anything out and then we could discuss it at our next meeting.

**g) Hardware – Switches and Routers**

Completed

**h) Unified Messaging**

Marion said that we do not know what we have because we do not have anything in place yet. Kyle recapped that, since it is tied into our telecommunications network so closely, we are trying not to let the fact that we have a lot of GroupWise users dictate where we go with our voice mail system, yet the voice mail system can almost dictate one way or the other. From Kyle's telecommunications side, they are evaluating both sides to be sure one does not dictate the other; rather they work together. He said that they are primarily an Octel shop and have some upgrades they could use to keep it sustained for the next five years. Kyle said they felt they have something that would work with Novell and with Microsoft but they are not sure if it is the best way to go, statewide. He said it is an active project for his group and so he does not have anything definite he can tell anyone at this point. Marion said his only concern is that, would whatever they have integrate with the current system so it would not be a major investment for everyone to take advantage of it. He said that really it is the integration of voice mail into the email operation. Marion asked if anyone else had any more discussion and Trevis asked how Kyle was going to offer it. Kyle said they would not have a rate for it until they purchase it. He said they have run some preliminary figures on it and what he would like to do is simply add it to the voice mail charge and then it will depend on how much traffic is on our system to determine what our take rate will be. Kyle said he knows there is a huge demand for unified messaging because he is asked about it all of the time. He wants it to fully integrate before enacting anything.

**6) Action Items**

- a) Mark Hetu will need to follow up and meet with the Security Committee to see if we can move forward with the Remote Access and Wireless.*
- b) Trevis said he would check with Mark (in his office), and include Bissell, and then be prepared to discuss at the next meeting. Marion asked that Trevis also send him an email whenever he finds anything out.*

- 7) Otis asked if there were going to be any changes with CIO's offer for Internet II. Kyle said they would be offering it but it would not fall into the standardized form. Otis asked if it would follow the same network structure. Kyle explained to everyone what they were discussing. He said CIO's office filed what they call a SEGP behind the major research universities (MUSC, Clemson, and USC) and were granted this filing. Therefore, anyone connected to the State Network, which is pretty much everyone, (all of K-12, all of the Tech Schools) will have access to Internet II. They have already installed a separate network connection to share with those universities that will connect them to the State Network. What they are doing now is developing a rate because they have to pay subscription fees. He said that as far as a standard, it is IP. CIO is also still trying to determine who goes and who does not because all of K-12 will have access. Kyle said that K-12 helps to pay for this so it is a good thing they are on it.

- 8) Victor asked about MPLS and if there was anything they could do to help implement this? Kyle replied there was nothing yet and that there may not ever be anything. He said they implemented it for two reasons. They went ahead and moved it up on their schedule primarily because on three of their core devices they needed to do a memory upgrade. If they go ahead and buy the MPLS cards, they included the memory they needed, so it saved them essentially \$36,000 for something they were already going to do in another six months. Kyle said everything would look the same to everyone and this will be another service on top of the other. He said that one day they will get rid of all of the ATM switches and move everything over to the Gig switches with MPLS. He cannot say when yet, but the three big ATM switches cost CIO a great deal for maintenance so they want to get them out of the network. The hardware should be here (he believes) on the 19<sup>th</sup> of March which is just the Metronet. When everyone will really start seeing the changes is when BellSouth and Spirit Telecom implement it, which they are having meetings with them this week. At this point, there are a lot of unknowns with the carriers.
- 9) Marion stated that by the time we present these four disciplines and, provided they are accepted as we present them and not given back to us, we should be in pretty good shape with just the three left. Two of these we have to wait on the Security Domain Subcommittee before we can move on.
- 10) Kyle asked if Marion wanted anyone present when he presents and Marion said he definitely did. Marion said he would like to do the Telecommunications and get it done. He asked Doug if we could get on the agenda and Doug asked how many he would want to present. Marion said they have four they would like to present and prioritized which ones he wanted presented first. He would like Telecommunications (Kyle will need to be present) first, Wan/Lan (Kyle and Bissell will need to be present) would be next and will present all four, if possible. Marion stated that anyone wishing to attend the AOC meetings were welcome to come and see how it functions. The meetings are always held on the fourth Wednesday of each month in room 105 at Broad River Road.
- 11) The next meeting will be set up at a future time by Marion Weaver after he attends the next AOC meeting. At this time, Marion will email everyone on the status of that meeting and then determine when the next meeting will be.
- 12) Motion was made to adjourn – Was so moved by Kyle Herron and seconded by Otis Lutz